

TECHNICAL DATA SHEET

Product Name	FLAX (LINSEED) SEED OIL
Botanical Name	Linum usitatissimum
Product Code	PCO4049
CAS #	8001-26-1
EINECS #	232-278-6
INCI Name	Linum usitatissimum (Linseed) Seed Oil

Part Used	Seeds
Extraction Method	Cold Pressed
Quality	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Pale yellow to golden colored liquid
Odour	Characteristic nutty odour
Refractive Index	1.470 - 1.480 @ 20°C
Specific Gravity (g/mL)	0.910 - 0.930 @ 20°C
Saponification Value (mgKOH/g)	185 - 205
Peroxide Value (meq O₂/kg)	Less than 5.0
Iodine Value (g I₂/100g)	170 - 215
Free Fatty Acids (% oleic)	Less than 1.0
Acid Value (mgKOH/g)	Less than 2.0
Solubility	Soluble in alcohols and fixed oils; Insoluble in water

FATTY ACID COMPOSITION:

<u>FATTY ACID</u>	<u>C-CHAIN</u>	<u>SPECIFICATIONS (%)</u>
Palmitic Acid	C16:0	4.00 – 7.00
Stearic Acid	C18:0	2.00 – 5.00
Oleic Acid	C18:1 (n-9)	12.00 – 34.00
Linoleic Acid	C18:2 (n-6)	17.00 – 24.00
Alpha-Linolenic Acid	C18:3 (n-3)	35.00 – 60.00

As it is electronically generated document, hence no signature required.

DISCLAIMER: Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. Paros Perfumers provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgement in determining its appropriateness for a particular purpose.